

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-011744**Date Inspected:** 16-Jan-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai ,China

CWI Name:	N/A	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A

Bridge No: 34-0006**Component:** OBG Assembly**Summary of Items Observed:**

On this date CALTRANS OSM Quality Assurance (QA) Inspector was present during the times noted above for observations relative to the work being performed.

Trial Assembly

5BW-5CW

This QA Inspector performed verification Ultrasonic Testing (UT) in accordance with ABF/CT Pattern "D" UT Procedure 001 Revision 1. The welds tested were scanned with Pattern "D" only in locations where flush grinding was present. All rejectable Indications were recorded on a data sheet that ABF and Caltrans QA generated after performing a joint inspection. The members are identified as the bottom plate to side plate splice repair welds. The weld designations are as follows.

SEG23A-005/SEG25A-008

This QA Inspector performed verification Ultrasonic Testing (UT) in accordance with ABF/CT Pattern "D" UT Procedure 001 Revision 1. The welds tested were scanned with Pattern "D" only in locations where flush grinding was present. All rejectable Indications were recorded on a data sheet that ABF and Caltrans QA generated after performing a joint inspection. The members are identified as the bottom plate splice repair welds. The weld designations are as follows.

OBW5A-008

5BE-5CE

This QA Inspector performed verification Ultrasonic Testing (UT) in accordance with ABF/CT Pattern "D" UT

WELDING INSPECTION REPORT

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Procedure 001 Revision 1. The welds tested were scanned with Pattern 'D' only in locations where flush grinding was present. All rejectable Indications were recorded on a data sheet that ABF and Caltrans QA generated after performing a joint inspection. The members are identified as the Edge and side plate splice repair welds. The weld designations are as follows.

OBE5-010

OBE5A-009

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No Relevant conversations

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, (15000422372), who represents the Office of Structural Materials for your project.

Inspected By:	Patterson,Rodney
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Quality Assurance Inspector

Reviewed By:	Carreon,Albert
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QA Reviewer
